

Carolina Country.

June 1982

Special Primary Election Coverage
Election 82
Starts on page 8



"Micro-Hydro" Demonstration Launched

A 17-kilowatt "micro-hydro" generator has been put in operation on Laurel Creek in Watauga County as part of a demonstration project sponsored by the Sierra Club, Appalachian State University and Blue Ridge Electric Membership Corporation, Lenoir.

The project, financed by a \$21,416 grant from the U.S. Department of Energy, is designed to show that a significant amount of clean, safe and reliable power can be produced from a locally-controlled resource.

"There's nothing new or novel about hydro power in general, but this type of production is quite rare in the Eastern United States," said ASU anthropology professor Harvard Ayers, Sierra Club member and director of the micro-hydro project.

"Here in the mountains we have

many streams with a small volume of water which drop rapidly over a short distance. The force of the water along this steep drop can be used to produce as much power as a much larger stream without having to change the course and completely dam the stream," Ayers said.

Only a three-foot dam is needed to divert a small part of the water from Laurel Creek into the eight-inch plastic pipe that drops from the intake to the generator about a quarter of a mile downstream. There is no damage to the stream ecology; the trout aren't disturbed and the small building housing the generator is all but invisible in the dense woods.

The generator sends all its power directly into the EMC's system.

Ayers said that the small hydro-turbine-generators available

commercially can be bought and installed at a cost less than that of producing electricity through construction of nuclear plants.

Construction costs for a small hydro plant amounts to about \$1,000 per kilowatt, Ayers says, as opposed to construction costs of up to \$1,500 per kilowatt for nuclear plants.

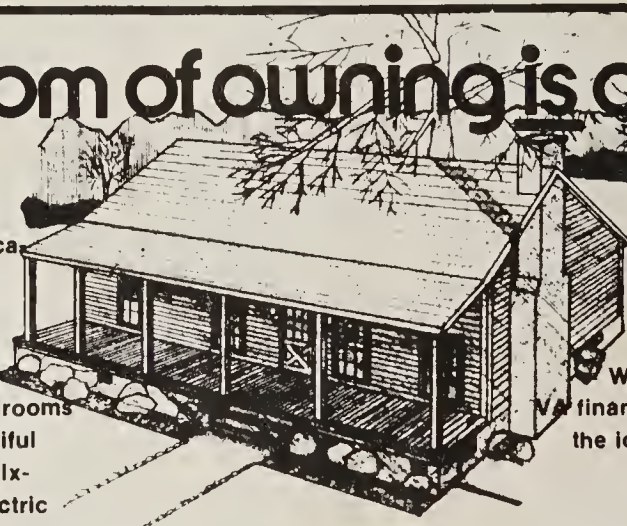
"Our project could lead to an appraisal of the potential of small hydroelectric generation in the entire mountain area throughout the Eastern United States," Ayers said. "We believe it has the potential to make many homes or groups of homes energy self-sufficient.

"Use of the small streams as an energy source is nondamaging to the environment, the streams are renewable and the water is free."

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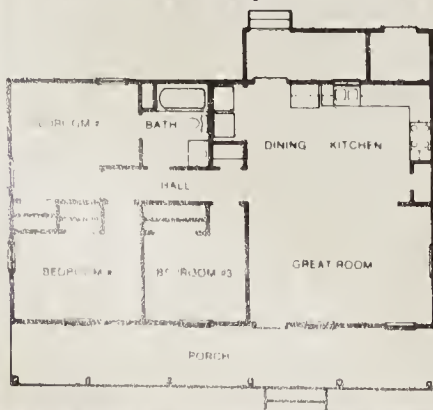


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U.S. Should Exemplify Cooperation

Adapted from an editorial by Robert J. Cleveland, president of Ohio Rural Electric Cooperatives, Inc. and a former executive vice president of North Carolina's statewide EMC organization. The editorial originally appeared in the Ohio organization's magazine Country Living.

The news we read in the paper today regarding the economy of our governments is all bad.

State governments are projected to have huge dollar deficits; universities say they must raise tuition to stay in the black; the federal government is projected to have the largest deficit in history (over \$100 billion); legislatures and Congress are considering increases in excise taxes to meet financial requirements and threatening to cut back welfare programs.

Also, we have the largest unemployment since Depression days; the gross national product trend down; housing is at a standstill; and interest rates are predicted to go up in the next few months.

There is very little that indicates a positive turn-around of the economy. All of these dire economic signs are telling our political leaders that they must seriously consider reviving the production machinery in this great country if we are to come out of this dilemma.

The only bright spot we may have is the fact that agriculture continues to produce at high levels. However, political decisions on the international front continue to cause surpluses of farm products that, in turn, hold down

prices to the farmer. As a result, we see many farmers on the brink of disaster, too.

We certainly hope the political leaders in this country will do some long-range soul searching and get their priorities straight. There are real needs for people to get back to work. There are real needs for government spending on work programs that will activate capital improvements.

The key to our economic future in this country is, as it always has been, tied directly to production. Some of

our basic production plants, such as steel and automotive, are shut down. Both labor and management are responsible. We built cars of poor quality with high-cost labor that drove the buying public elsewhere. We buy Japanese or German cars while our workers draw unemployment. The steel for these cars is made in other nations.

Our government established unrealistic environmental and safety regulations for our plants that create high costs that keep us from competing. The manufacturers in other countries are not subject to such restrictions. Our government policies, our poor designs, our high labor costs have reduced our plants to second-rate operations.

We need long-range planning that will allow our government, industry and labor forces to all agree on the objectives and inspire them to contribute their part. Without these long-range objectives, and without this understanding, I am afraid this country is going to face more serious and harsh days ahead before we can recover and be looked to as an example for others.

We will have a hard time winning the cold war if this country cannot be a shining example of cooperation among all segments of its people.

If we continue to have distrust among government, labor and business, we will have a difficult time moving forward. Perhaps what we are seeing and feeling will make us more aware of our need to work together. We pray so.



We need long-range planning that will allow our government, industry and labor forces to all agree on the objectives and inspire them to contribute their part . . . We will have a hard time winning the cold war if this country cannot be a shining example of cooperation among all segments of its people.



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Carolina Country

(ISSN 0008-6746)

Read Monthly in More Than 300,000 Homes
Vol. 14 No. 6, June 1982

Official Publication

North Carolina Association of Electric Cooperatives, Inc.
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Carolina Country (formerly *Carolina Farmer*) is published by North Carolina Association of Electric Cooperatives, Inc. Second class postage paid Raleigh, North Carolina, and additional mailing office, Editorial Offices, P.O. Box 27306, Raleigh, N.C. 27611. *Carolina Country* is a registered trademark of North Carolina Association of Electric Cooperatives. Postmaster send form 3579 to P.O. Box 27306, Raleigh, N.C. 27611. FMC group subscription \$1.80 a year, individual \$2.00. Address all mail to *Carolina Country*, P.O. Box 27306, Raleigh, N.C. 27611.

Congress Needs "Sense of Fairness"

A spokesman for North Carolina's rural electric cooperatives has called on members of Congress to maintain "a sense of fairness and equity" as they consider Reagan administration proposals affecting the nation's electric utilities.

James M. Hubbard, executive vice president of the N.C. Association of Electric Cooperatives, told a House subcommittee that the administration's proposals use a double standard of fairness in their treatment of utilities.

The Economic Recovery Tax Act of 1981, he said, virtually eliminates all remaining federal tax liability of the investor-owned power companies through investment tax credits, accelerated depreciation and other tax breaks.

"The additional federal assistance of the 1981 Tax Act adds over \$1 billion to the approximate \$3 billion already provided annually to investor-owned utilities."

Meanwhile, the electric co-ops—whose federal assistance totals only \$85 million a year—have been targeted by the administration for severe cuts in their access to federally insured and guaranteed loans, Hubbard said, adding that this step would inevitably boost co-ops' interest expenses and force higher rates on their consumer-members.

"Contrary to general impressions, and statements by some in the present administration, it is not rural electrification or electric cooperatives to which the major federal help goes."

Hubbard said the co-ops support federal assistance to the nation's

private power companies and municipal electric systems.

"With the serious financial problems confronting the industry, such assistance is, in my judgment, entirely appropriate and in the public interest.... All we suggest is that the rural electric systems providing service to the sparsely settled areas of the nation's heartland have similar, if not greater, needs."

The co-ops, he pointed out, already pay an average rate of interest for all loans of about 13.5 percent, which is higher than the effective cost of capital paid by either municipal electric utilities or the investor-owned utilities. The municipal systems, using tax-exempt financing, pay about 12 percent, while the private companies pay a net of about 12.9 percent, reflecting current tax breaks.

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Hubbard was one of 14 rural electric co-op officials from across the country to offer testimony before the House Agriculture Subcommittee on Conservation, Credit and Rural Development.

The session was the first in a series of

oversight hearings scheduled by Rep. Ed Jones (D-Tenn.), subcommittee chairman, to focus on Rural Electrification Administration borrowers and their credit needs. REA officials appeared at a separate hearing.

Hubbard said the administration double standard is reflected in proposals for the co-ops to shoulder the burden of even higher interest rates by seeking 10 percent of the capital needs on the open money market.

This "would result in estimated increases of \$98 million" for North Carolina's co-op consumers over the next 10 years, he said.

Should the administration successfully revive last year's effort to totally close off co-ops' access to federal loan channels, "the added cost to our consumers... would skyrocket to about \$1 billion."

In that event, "we are advised by those familiar with the financial market that the funds simply would not be available."

Hubbard said, "It is generally acknowledged that the delivery of electric service in rural areas is a most difficult and expensive task in comparison to service in urban areas. This fact resulted in the creation of electric cooperatives in the first place."

"My concern and request is that a sense of fairness and equity should be maintained in the policies carried out by the present administration."

America's rural people, he said, "historically have been quite willing to carry their fair share of the burden."

But, he said, in a period when forecasts call for farm income to decline significantly while grocery prices are rising, to add "unnecessary and counterproductive increases in the cost of basic and essential services such as electric energy on the rural sector is neither fair nor conducive to improvement in the economy."

With farm and home rates in rural North Carolina already as high as \$72 a month for a modest 1,000 kilowatt hours, "we find it hard to understand why the administration has singled out the consumer-owned, non-profit electric cooperatives as the only segment of the industry targeted for 'financial independence!'"



James M. Hubbard, executive vice president of the N.C. Association of Electric Co-ops, left, testifies during a House subcommittee hearing in Washington. At right is Bradley R. Koch, director of the energy and environmental policy division of the National Rural Electric Cooperative Association.

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Marshall Re-appointed To Energy Agency Board

The manager of South River Electric Membership Corporation, Dunn, has been appointed to a second term on the Board of Directors of the North Carolina Alternative Energy Corporation.

Marvin O. Marshall was re-appointed to the state agency's board by North Carolina Electric Membership Corporation, the power supply operation of the statewide EMC organization.

The corporation was established in April, 1980, by the State Utilities Commission as a quasi-public corporation to develop alternative energy sources, including solar, wind, wood, biomass and conservation.

It is financed entirely by the state's power suppliers with policies set by a 13-member board made up of seven directors representing the public and six representing the suppliers.

Marshall, who is vice president of the N.C. EMC Board of Directors, has been with South River EMC since 1968.

For six years prior to taking that post, he was North Carolina operations field representative for the Rural Electrification Administration.

Safety Award Winners Named

The North Carolina Safety Council has presented 12 awards to individuals and groups who have carried out or provided leadership for safety programs.

The awards, given annually

Cover: Beaufort Dock

A lone seagull presides over a deserted dock at Beaufort in this photo by Kim Denson Jones of Tarboro. Mrs. Jones is an engineering clerk at Carolina Telephone and Telegraph Co.

through the Council's Home and Community Safety Awards Program, were presented April 23 at the McKimmon Center on the North Carolina State University campus.

The individual award recipients were Robert W. (Bob) Yates of Winston-Salem, adult volunteer, and B. Fallon Melvin Jr. of New Bern, adult professional.

Special category awards were presented to John Marcinsky of Rt. 2, Lumberton, volunteer fireman; Elizabeth City Fire Department; Hertford County Rescue Squad Association, rescue squad and emergency medical services group, and Craven County Health Department, health services.

Community group awards were presented to Lucky Clovers 4-H Club of Rt. 3, Tarboro, youth group with less than 30 members; Forsyth County 4-H Club, youth group with more than 30 members; Edgecombe County Farm Bureau Women's Committee, adult group with less than 30 members and Forsyth 4-H Volunteer Leaders' Association, adult group with more than 30 members.

Business and industry group and individual awards were presented to Alton Packaging Corporation's Wilson Container Plant in Wilson and its Production Manager Larry D. Cromer.

The Safety Council is an incorporated, nonprofit organization, created in 1960 by a group of community leaders, physicians and representatives of public agencies to promote safety programs and activities.

The Council's activities are financed by dues received through individual, group and agency memberships.

Pee Dee EMC Gets Loan For Project

Pee Dee Electric Membership Corporation, Wadesboro, has been awarded a \$1.6 million loan from the Rural Electrification Administration

for an expansion project that includes service to 1,220 additional consumers, 77 miles of distribution line and various system improvements.

Supplemental financing for the project will come from the National Rural Utilities Cooperative Finance Corporation.

When the project is completed, the EMC will be serving about 15,400 consumers over 2,430 miles of line in portions of Union, Anson, Richmond, Montgomery, Scotland, Moore and Stanly Counties.

Oriental Slates Croaker Festival

The 1982 Croaker Festival at Oriental has been scheduled for July 3-4, with plans for a raft race, country store, crafts show, donkey softball game, pet show, parade, gospel sing and picnic.

The festivities begin at 10 a.m. on July 3 and at 12 noon on July 4.

For more information, write or call George W. Thomason, Rt. 1, Arapahoe, N.C. 28510. Phone: (919) 249-0316.

Ten Get Seats On EMC Boards

Three newcomers and seven incumbents have been elected to the Boards of Directors of three North Carolina Electric Membership Corporations at recent EMC annual meetings:

- **French Broad EMC**, Marshall—Re-elected were Novile Hawkins of Rt. 1, Mars Hill; Warren Buchanan of Bakersville and Carl Ramsey of Rt. 1, Flag Pond, Tenn.

- **Harkers Island EMC**, Harkers Island—Two newcomers elected to the board were Alton T. Best and Oliver S. Griffin. Re-elected was Leland W. Yeomans.

- **Halifax EMC**, Enfield—A newcomer elected to the board was Morrell Jones of Rt. 1, Enfield. He succeeds R.J. Simmons of Rt. 1, Enfield, who retired from the board

after 18 years as a director. Re-elected were Helen A. Fleming of Rt. 2, Scotland Neck, G.W. King of Rt. 1, Warrenton and Plummer Hardy of Rt. 3, Enfield.

National Bar Group Taps Bolch For Post

Thomas J. Bolch, general counsel for North Carolina's statewide organization of Electric Membership Corporations, has been named chairman of a key committee for the past year, becomes chairman of the association's committee on regulations under Parts II and III of the Federal Power Act. association's committee on regulations under Parts II and III of the Federal Power Act.

The association is made up of 1,300 lawyers who regularly practice before the Federal Energy Regulatory Commission (FERC). Bolch has practiced before the agency since 1970, representing co-op customers of four major utilities.

FERC sets the rates that the private power companies charge their wholesale customers, principally co-op and municipal electric systems.

Book Recounts History Of Confederate Gunboat

A new publication of the North Carolina Department of Cultural Resources recounts the story of an historic ship that sank and the people who struggled to retrieve and preserve it.

The 165-page paperback volume, "C.S.S. Neuse": A Question of Iron and Time, was written by Leslie S. Bright, William H. Rowland and James C. Bardon.

It includes detailed historical background on the Neuse.

The book may be ordered for \$10 plus \$1.50 postage and handling from Eugene Brown, Caswell Neuse State Historic Site, P.O. Box 3043, Kinston, N.C. 28502.

Home Folks . . .

Latina Ann Suther, daughter of Mr. and Mrs. George Suther of Concord, has been named North Carolina Grange Youth Princess. She'll represent the Tar Heel Grange at the National Grange Convention in Rhode Island in November . . . **Denny R. Shaffer** of Fayetteville has been elected national president of the Sierra Club, an environmental organization that advocates strong regulation of air and water quality . . . **Charles B. Huestis** of Durham has been awarded the Oak Leaf Award, the highest national honor of the Nature Conservancy. In addition, the North Carolina Chapter of the organization has won the group's "Outstanding Chapter" award for 1981 . . . **Minnie Miller Brown**, a retired home economist with the N.C. Agricultural Extension Service, has been honored by the service for her 35 years as an employee. A scholarship in her name has been established for the service's outstanding nutrition program aide. . . New Agriculture Extension chairman for Washington County is **Sandra C. Brown**, who succeeds **Guy Whitford**. New chairman in Warren County is **Russell C. King**, who succeeds **L.C. Cooper**. Both Whitford and Cooper retired.

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ELECTION 82

North Carolina voters will finally get a chance to cast their ballots in primary elections June 29 after months of controversy over the alignments of the new Congressional districts—a controversy that pushed the primary date into the heart of summer vacation season.

In any case, 28 candidates in eight of the new districts will be facing opposition in the primaries.

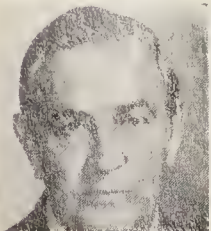
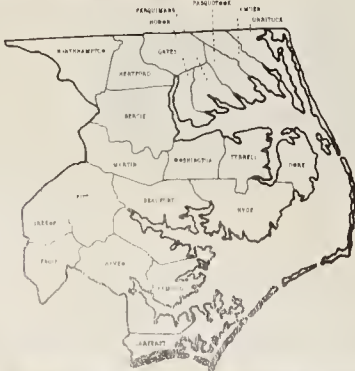
In an effort to help acquaint *Carolina Country* readers with these candidates, all of them were asked to supply biographical information and a response to a question on rural electric issues. The material they submitted in edited form, is presented in this special section.

Here's the question we posed to the candidates:

Rural Electric Cooperatives operate with funds from two federal financing programs, neither of which impact the federal budget: 1) the Rural Electrification Administration's insured loan program, which provides loans to distribution co-ops at a rate of 5 percent, and 2) the guaranteed loan program, which provides financing for generation and transmission co-ops. Under the guaranteed program, these co-ops borrow money from the private market with a governmental guarantee. Because of that guarantee, the interest on these loans is slightly lower than it would otherwise be.

What is your opinion of these loan programs? Do you think they should be continued as they are? If not, why?

First District



JONES



LEGGETT

Democratic Primary

Rep. Walter B. Jones of Farmville is now completing his 10th consecutive term in Congress. First elected to the U.S. House in 1966, after several terms as a member of the N.C. General Assembly. Former mayor of Farmville. Chairman of the House Committee on Merchant Marine and Fisheries; member of the House Committee on Agriculture and senior member of the Subcommittee on Tobacco and Peanuts. NCSU graduate. Former trustee of Campbell College and the University of North Carolina.

Response: As a long-time supporter of rural electrification, I shall do all possible to continue the present programs which have proven to be sound and helpful to the entire well-being of REA.

Thomas Brandon III of Robersonville did not respond.

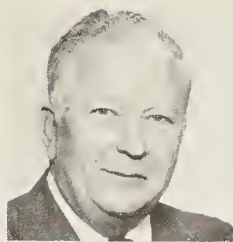
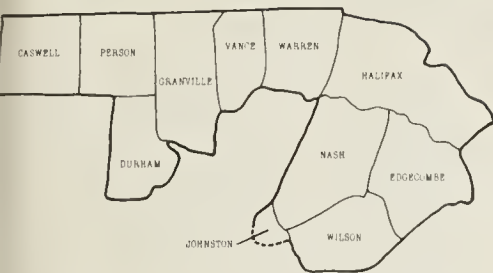
Republican Primary

Gene Leggett of Emerald Isle is retired from military service. While serving a special assignment in the Marines he received a Presidential Citation. Since retirement, he has engaged in political and business investigations.

Response: I think you're doing as good as you can with what you have to work with. Keep up the good work. I know when disaster hits you need to get low interest loans to stay in business. I support you 100 percent.

James F. McIntyre III, of Greenville did not respond.

Second District



VALENTINE



RAMSEY



MICHAUX

Democratic Primary

Tim Valentine, a Nashville attorney, is presently serving on the N.C. Courts Commission. Served in the State House, 1955-1959. Legal advisor to Gov. Dan Moore in 1965. Former Chairman, State Democratic Executive Committee. Former member of Nash General Hospital Board of Trustees. Former president of Nashville Chamber of Commerce, Jaycees and Lions Club. Degree in Political Science from The Citadel and law degree from UNC-CH.

Response: In response to your questions regarding the Rural Electrification Administration's loan programs, I feel that these programs should continue as they are. They have no impact on the federal budget yet enable co-ops to borrow funds with a government guarantee. I see no reason why they should be discontinued.

James E. Ramsey, a Roxboro attorney, is a former speaker of the State House. Served in the General

Assembly 1962-1974. Served as chairman of the House Judiciary, and Insurance Committees and the Legislative Services Commission. Also a former member of the Southeastern Regional Educational Board. Prior to legislative service, served as Judge of Person County Recorder's Court. UNC-CH law graduate.

Response: The rural electric cooperatives have served a useful benefit to rural North Carolinians in the past, and the future looks extremely bright for them. I would support the continuation of the Rural Electrification Administration's insured loan program and guaranteed loan program in order that the co-ops may borrow money from the private sector guaranteed by the government.

Henry McKinley Michaux Jr. of Durham, a former U.S. Attorney, served three terms in the State House before accepting the presidential appointment in 1977. Former vice-chairman of House Committees on Higher Education, Judiciary, and Manufacturing and Labor. Former chairman of House Committee on Highway Safety. Also served on House Committees on Insurance, Finance, Courts and Judicial Districts and

Corrections. Former Chief Assistant District Attorney for Durham County. Member of N.C. Commission on Human Skills and Resources. Named "Lawyer of the Year" by the N.C. Association of Black Lawyers in 1978. Degrees in physiology, biochemistry and law from NCCU.

Response: Over the years, these programs have had a great impact on bringing electricity to rural areas. The loan programs are excellent and should be enhanced. Because electricity is a vital and essential support service for agricultural and fiber producers, the ability of electrical cooperatives to obtain financing at favorable, reduced interest rates through the Rural Electrification Administration and the Federal Financing Bank should not only be continued, but enhanced. If production of food and fiber is to thrive, the cost and availability of electric power must be a priority.

Republican Primary

John W. Marion of Durham, **Douglas Biddy** of Durham and **Barry I. Gardner** of Rocky Mount, candidates in the Republican Primary, did not respond.

Third District



WHITLEY

Democratic Primary

Rep. Charles Whitley of Mount Olive is completing his third consecutive term in Congress. First elected in 1976. Former Mount Olive town attorney. Former administrative assistant in Third District Congressional Office in Washington. Member of Campbell College Board of Trustees. Wake Forest University Law graduate; received master's degree from George Washington University. Member of the House Agriculture Committee and its Tobacco Subcommittee.

Response: I believe that the availability of both the guaranteed loan funds for generation and

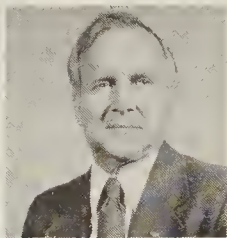
transmission and the direct loans for distribution have played a major role in enabling the rural electric co-ops to reach the stage they have in providing electric power to rural America at a cost the consumer could afford to pay. It may well be true, as the Reagan administration claims, that many of the co-ops are now strong enough and have large enough equities to borrow on the open market without aid from the federal government, but there are many which cannot exist without the continued availability of money at reasonable interest rates. I support continuation of both types of loans to enable those co-ops which need them to obtain this assistance.

Leroy Gibson of Jacksonville did not respond.

Fourth District



ANDREWS



TEW

Democratic Primary

Rep. Ike Andrews of Siler City is now completing his fifth consecutive term in Congress. First elected in 1972. Attorney. Former majority leader and speaker pro-tem of the State House. Member of the House Committee on Education and Labor and chairman of the subcommittee on Human Resources Member of House Select Committee on Aging. Twice received "Watchdog of the Treasury" Award from National Associated Businessmen. Twice received "Guardian of Small Business" Award from the National Federation of Independent Business. UNC-CH law graduate.

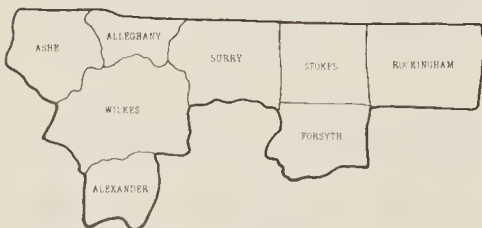
Response: I categorically oppose any reduction in any of these programs and will do all I can to see that they are maintained at current levels. Having grown up in Chatham County, I've seen first hand the benefits of rural

electrification and I think the cooperatives should be able to continue to do the good job they've done in the past.

Leo Tew of Raleigh, a retired international airline captain, is making his second bid for elective office. Lost a three-way race for a seat in the N.C. House two years ago. Formerly active in the Airline Pilots Association. His education at UNC-CH was interrupted by World War II. During the war, he served as a military aircraft commander. Operated a flying business at Raleigh-Durham Airport before beginning his airline career.

Response: As long as these REA programs are self-sufficient and not costing the taxpayer anything, I would have no problem with them. I grew up in a rural setting and vividly remember when the REA brought electricity to our farm.

Fifth District



NEAL



RAY

Democratic Primary

Rep. Stephen L. Neal of Winston-Salem is completing his fourth consecutive term in Congress. First elected in 1974. Former newspaper publisher. Ranks eighth on 43-member House Committee on Banking, Finance and Urban Affairs. Chairman, Subcommittee on International Trade, Investment and Monetary Policy. Author of successful bill to prevent damming of New River; another to create the Solar Energy and Energy Conservation Bank. Member of Congressional Rural Caucus. University of Hawaii graduate.

Response: I think these programs have enabled REA co-ops to bring electrical and telephone service to rural Americans who otherwise never would have had these services. I do think these programs should be continued and I will continue to support them. I am quite disappointed, frankly, that the President has recommended that they be gutted.

Wallace Ray of Winston-Salem, owner of an extermination business, making his first bid for political office. Attended N.C.S.U.

Response: I have always felt it was proper to use tax money or federal funds for the good of the people. REA and rural electric cooperatives have over the many years served the people and made available to them energies that otherwise would not have been provided by other utilities. I have always had a favorable opinion of the program and see no reason that it should not be continued.

Republican Primary

C. Lincoln Packett of Mt. Airy and **Wallace Vanhoy** of Winston-Salem and **Anne Bagnal** of Winston-Salem and **Warren B. Brooks** of Clemmon candidates in the Republican Primary did not respond.

Seventh District



ROSE

Democratic Primary

Rep. Charles Rose of Fayetteville is completing his fifth consecutive term in Congress. First elected in 1972. Attorney. Chairman, Subcommittee on Tobacco and Peanuts of House Committee on Agriculture. Chairman, Subcommittee on Oversight and Evaluation of House Permanent Select Committee on Intelligence. Chairman, Policy Group on Information and Computers of the Committee on House Administration. Founder of the Congressional Clearinghouse on the Future and co-founder of the Congressional Rural Caucus. UNC-CH law graduate.

Response: Since coming to Congress, I have been a supporter of

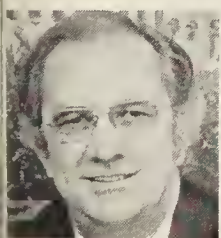
both of these federal financing programs, as I consider them vital to the viability of rural electrification.

Rural America does not have either the tax base, nor the high levels of income to support a high density utility the way an urban area does. For this reason, and to insure growth and development, we must have some kind of program which realizes the limitations and the opportunities which exist in rural America. During the last forty years, rural electric co-ops of this country have filled that void.

These programs should be expanded to offer equal access to credit for all systems that provide power to rural America.

T. C. (Tommy) Gibson of Lumberton did not respond.

Eighth District



HEFNER



PRESSON

Democratic Primary

Rep. W.G. (Bill) Hefner of Concord is completing his fourth consecutive term in Congress. First elected in 1974. President of WRKB radio station in Kannapolis. Gospel singer and television personality for more than two decades. Member of the House Budget Committee and the House Appropriations Committee.

Response: It is my privilege to come from a part of the country which has benefitted greatly from the rural electrification program. Without REA, a necessary linkage for many rural families with their urban neighbors could not be accomplished. With REA, all citizens share in the counties of this nation's progressive society. Some have said that the REA program should be eliminated as an effort which is no longer necessary for the federal government. I disagree. I know that in my part of the country the job being done by REA is not completed and should be allowed to continue. Additionally, I think it should be pointed out that program involves loans and loan guarantees, not grants or subsidies. The money borrowed is repaid and re-invested in other REA efforts, and in my opinion, such

successful cooperation between the citizen-member of the co-op and their government should not be terminated.

James R. Ellison of Mt. Pleasant did not respond.

Republican Primary

Jake Talmadge Presson of Salisbury is farm broadcaster and reporter for radio station WRDX in Salisbury. Former owner of WZKY radio station in Albemarle. Also former building contractor, auctioneer and real estate broker. Lost a bid for a seat on the Albemarle School Board in only previous political race. Graduate of Central Radio-Television School in Kansas City. Also attended Furman University.

Response: These loan programs have, to a large extent, been responsible for the massive rural electrification of America, which has been vital to our development.

The programs should be continued, and continuously made compatible with our needs and circumstances.

Harris D. Blake of Pinehurst did not respond.

(continued on page 18)

Leaf Curing Fuel Savings Can Boost Farmers' Profits

North Carolina flue-cured tobacco growers can save millions of dollars this summer by making their curing barns more energy efficient.

This estimate comes from Tim Donnelly and other specialists with the North Carolina Agricultural Extension Service who have conducted energy audits of hundreds of curing barns in the last two years.

The audits, plus research by the N.C. Agricultural Research Service, have prompted the specialists to prepare four "money saving tips" for flue-cured tobacco growers.

"We feel the tips are especially important this year," Donnelly said. "The marketing quota is smaller than last year. Farmers need to do everything possible to increase their profit per pound."

Donnelly's first suggestion for energy efficient curing is to use a wet bulb thermometer to determine proper ventilation. Commercial models are about \$30. Homemade models cost \$8 to \$10. Free plans for making a wet bulb thermometer are available from county extension offices.

Donnelly's second suggestion is to repair cracks in barns. "Our audits have shown that this practice alone can save \$50 to \$60 per barn per year, and there are more than 40,000 bulk curing barns in the state," he said.



North Carolina farmers are expected to spend over \$85 million this year on energy to cure their \$1-billion-plus flue-cured crop.



checked (by a service man) for operating efficiency. "We've found that a burner operating at only 90 percent of optimum wastes 135 gallons of gas per year," he said.

Donnelly also urges farmers to consider an energy audit, a free service made possible by a grant from the Energy Extension Service of the N.C. Department of Commerce. All an interested farmer has to do is to contact his county agricultural extension office.

Audits are conducted by a team of extension specialists who visit farms, analyze tobacco curing barns, outline specific energy-saving practices, and tell a farmer how long it will take him to recover his investment in each practice.

"Audits are ideal for farmers who are considering insulating bulk barns," Donnelly said. "We found the payback period for insulation runs from five to 35 cures."

Concrete pad insulation usually pays for itself in one year (six cures). Spray-on insulation usually saves from \$100 to \$130 per barn per year.

North Carolina farmers are expected to spend over \$85 million this year on energy to cure their \$1-billion-plus flue-cured crop. Most of the money will be spent on fuel oil and propane gas for heat and electricity to operate fans used in the curing system.

Repairing the foundation seal on updraft barns is very important, extension workers say. They describe black roofing tar as a good foundation sealant. Caulking compound is recommended for other cracks in the barn. Additional energy can be saved by repairing or replacing worn door gaskets.

As their third suggestion, Donnelly and his colleagues urge growers to have their furnaces

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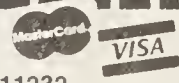
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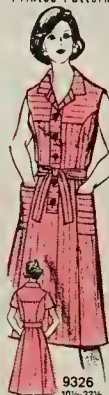
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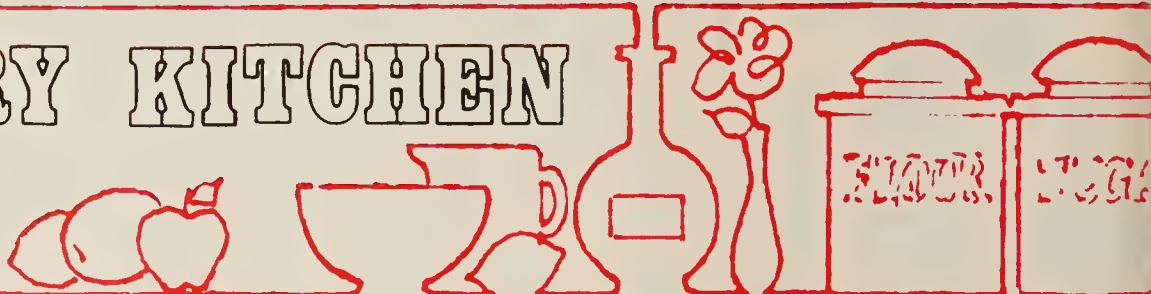


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COUNTRY KITCHEN



A Refreshing Hot Weather Salad

It's cucumber time again across North Carolina, and here's a great way to use some of this year's crop.

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COUNTRY KITCHEN

Submitted by Mrs. Stella Grady of Suffolk, Va.

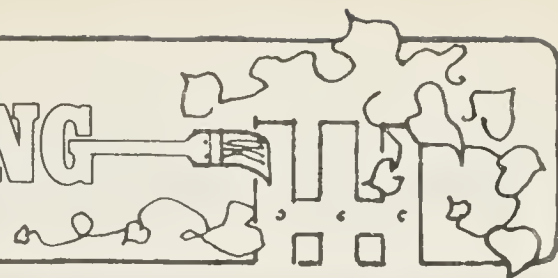
GREEN GODDESS CUCUMBER COOLER

- | | |
|--------------------------------|--------------------------------|
| 2 envelopes plain gelatin | 1 tsp. dried dill weed |
| 1 cup cold water | 1 tsp. salt |
| 1½ cups green goddess dressing | 3 cups finely chopped cucumber |
| 1 tsp. instant minced onion | ½ cup chopped celery |

In a medium saucepan, mix unflavored gelatin with cold water. Stir over medium heat until gelatin is completely dissolved, about one minute. Remove from heat, stir in dressing, onion, salt and dill weed. Chill, stirring occasionally, until mixture is the consistency of unbeaten egg whites. Fold in cucumber and celery. Turn into a 5 cup mold that has been lightly brushed with additional dressing. Chill until firm, unmold to serve. Garnish with salad greens and cherry tomatoes, if desired.

If you would like to share a recipe with this column, send it to: CAROLINA COUNTRY, P.O. Box 27306, Raleigh, NC 27611. We pay \$5. for published recipes and present each monthly winner a set of 50 recipe cards with the winning recipe printed on them.

DO YOUR OWN THING



Brush-up On America

You can create beautiful oil paintings just by following the simple directions in this 34-page guidebook. The traceable patterns are from photographs taken around the country. The choices include Winter's Tide, Across the Covered Bridge, Birches in Reflection and the South Pasture. There are 10 patterns in all.

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Winter Morning/Gray Fox



Carolina Country is now offering prints of the striking oil painting, *Winter Morning/Gray Fox*, which appeared on the cover of the March issue.

The original painting was done especially for use on the cover by Janet Allen Walker of Rt. 1, Franklinville, a widely recognized wildlife artist.

The prints reproduce the painting in the size of the magazine, with a white border on heavy 11" by 14" glossy finish stock.

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Advertising that does not conform to these standards or that is deceptive or misleading is never knowingly accepted. Should you encounter non-compliance with these standards, please inform the editor at P. O. Box 27306, Raleigh, N.C. 27611.

Wake EMC Launches Load Control Program

After months of planning, Wake Electric Membership Corporation, Wake Forest, has launched a load management program aimed at shifting the system's peak-period demand for power by automatically turning off appliances in consumers' homes.

The program involves radio equipment that will shut off the appliances from a centralized control panel at the EMC's headquarters.

Only consumers who volunteer for the program will be involved, according to Phil Price, the EMC's director of member services.

“

Since the EMC pays a premium for peak-period electricity, this “peak-shaving” system is expected to substantially reduce the co-op's wholesale power costs.

”

About 500 consumer-members have signed up to participate in the program, he said, adding: “We hope to eventually sign up about half our membership.”

Wake EMC serves about 9,000 consumer-members in Wake, Johnston, Durham, Vance, Granville, Franklin and Nash Counties.

Under this program, switches will be installed on participants' central air conditioning units, heat pumps and water heaters.

As the co-op's systemwide demand for power approaches a peak, these appliances will be switched off for brief periods on a rotating basis until the overall demand drops.

Since the EMC pays a premium for peak-period electricity, this “peak-shaving” system is expected to substantially reduce the co-op's wholesale power costs.

Participating consumers whose water heaters are equipped with the switches will receive a \$1 monthly credit on their electric bills. Those who have the switches installed on air conditioners or heat pumps will receive an additional \$3 monthly credit on their bills from July 1 through Oct. 1.

Wake EMC is the third North Carolina electric co-op to install load control systems. Lumbee River EMC, Red Springs, and Four County EMC, Burgaw, also operate such systems.



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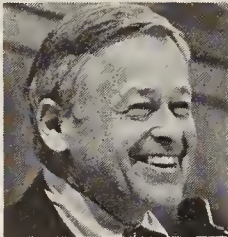
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If Rural Route, give directions.

Eleventh District



CLARKE

Democratic Primary

State Sen. James McClure Clarke of Asheville is completing his first term in the N.C. Senate. Chairman of Senate Committee on Constitutional Amendments. Vice Chairman of Senate Committees on Insurance and Higher Education. Member of State House, 1977-1980, Chairman of Buncombe County Board of Education 1969-1976. Former chairman of House Committee on Law Enforcement. Former director of Fairview Volunteer Fire Department and former president of Asheville Civitan Club. Trustee of Thoms Rehabilitation Hospital and Southeastern Council of Foundations. Attended Princeton University.

Response: I support these loan programs. The rural electric cooperatives were created to bring

electrical power to those areas where it was not profitable for the large commercial utilities to operate. These co-ops have delivered prosperity and opportunity to many rural areas in western North Carolina. This has been possible due to the efforts of the local cooperative members and their management, and the availability of reasonable financing through the Rural Electrification Administration. These loans are especially desirable since they do not affect the federal budget.

I have been a member of Haywood EMC for more than 30 years and appreciate the splendid job the REA's have done in bringing electricity to remote rural areas.

John Garfield Kleibor of Asheville did not respond.

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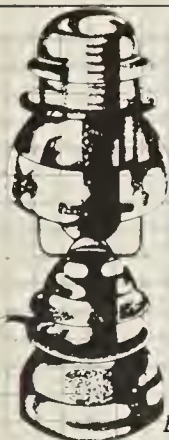
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EMC Officials Ask Tar Heel Congressmen To Support Co-op Financing Programs



ABOVE—Visiting with First District Rep. Walter Jones, seated, are, from the left, Edward E. Brown Jr. manager of Albemarle EMC, Hertford; W.J. Wynne Jr., president of the board of Carteret-Craven EMC, Morehead City; B.F. Morton, Jr., manager of Carteret-Craven EMC; J.J. Grimsley, president of the board of Pitt and Greene EMC, Farmville; George Wilkes of Ocracoke, a director of Tideland EMC, Pantego; Carroll Austin, a director of Tideland EMC; J.D. Patterson, manager of Pitt and Greene EMC and Mr. and Mrs. Horace Moore of Snow Hill. Moore is a director of Pitt and Greene EMC and North Carolina's representative on the board of the National Rural Cooperative Association.

BELOW—Seventh District Rep. Charles Rose, far right, hosts a delegation of visitors representing Lumbee River EMC, Red Springs. The group includes clockwise around the table from center foreground, Ann Hinson, wife of Lumbee EMC Manager Derl Hinson; Bradford W. Oxendine, Timothy Strickland, Alton V. Dudley, Elias Rogers and John Paul Jones, all directors of Lumbee River EMC. Standing at left are J.W. Hunt and Bill Brewington, also Lumbee EMC directors. Standing, center, is John Kutter, manager of power supply for the North Carolina statewide organization of EMCs.

About 80 officials of North Carolina's Electric Membership Corporations recently called members of the Tar Heel Congressional delegation, seeking support for continued access to federal financing programs for the nation's electric co-ops.

In conferences with the congressmen, members of the Tar Heel co-op group explained that the Reagan administration proposals would severely curtail the co-op's access to these financing programs, which have no impact on the federal deficit.

Other financing, if it is available at all, would be far more costly, forcing these member-owned systems to raise the rates charged to their consumers, the officials said.

The Capitol Hill visits were coordinated by the North Carolina statewide organization of EMCs, part of a national legislative meeting sponsored by the National Rural Electric Cooperative Association.

BELOW—Visiting with Third District Rep. Charles Whitley, seated, are, from the left, Marvin Marshall, manager of South River EMC, Dunn; Gene Maultsby, member services representative at Jones-Onslow EMC, Jacksonville; Alvin Morton, manager of Jones-Onslow EMC; Harvey Flowers, a director of South River EMC; Leroy Autry, a director of South River EMC; Hugh Batts, a director of Jones-Onslow EMC and Clifton Taylor, a director of Jones-Onslow EMC.



Auman Gets NCSU Award

Former State Rep. T. Clyde Auman of West End has been awarded the 1982 Distinguished Alumnus Award of the School of Agriculture and Life Sciences at N.C. State University.

The selection, which was made through a vote of the school's faculty, was announced by Dean J.E. Legates, who said Auman is usually associated with peaches, but this "enterprising peach producer" also raises "grain, tobacco, timber, grapes and beef cattle, and he markets pine needles and hay straw."

"Furthermore, he's a dedicated member of the Presbyterian Church, a strong supporter of N.C. State University, and a driving force for progress in education, fire protection, mental health, farm credit, juvenile correction, and electric and telephone service in rural areas."

Auman's interest in agriculture goes back to his own youth on the farm, his membership in 4-H and his majoring in horticulture and animal science at NCSU in the late 1920s. As a practicing farmer for a half-century, he has proven that Sandhills soils could produce a variety of crops, and he has introduced a steady stream of new plant varieties, technology and farming practices to his area.

Auman has served eight terms in the General Assembly, and he's a charter member and a past president of the National Peach Council. He is a charter director of both the N.C. Tobacco Foundation and the N.C. Veterinarian Foundation. He is a former chairman of the N.C. Agricultural Foundation and a former member of the Advisory Committee for the School of Agriculture and Life Sciences.

Earlier this year, Auman received the Watauga Medal, NCSU's highest honor.



Date	Electric Membership Corporation	Time	Location
June 18	Piedmont EMC, Hillsborough	Registration: 7:30 p.m. Business Meeting: 8:00 p.m.	Orange High School Auditorium
July 16	Randolph EMC, Asheboro	Registration: 6:30 p.m. Business Meeting: 8:00 p.m.	Lee J. Stone Stadium
Aug. 14	Union EMC, Monroe	Registration: 9:30 a.m. Business Meeting: 10:00 a.m.	Sun Valley High School



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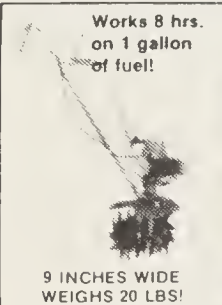
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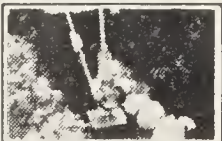
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Godspeed, Mrs. W.

When Patty Wheeler, one of our contributing editors, set off for Ashe County early in 1981 to gather material for a magazine feature, she never imagined that the visit would set the stage for a complete transformation of her lifestyle.

As a result of the visit, she turned out a fine piece on the fascinating Ben Long frescoes at St. Mary's Episcopal Church at Beaver Creek and Holy Trinity Episcopal Church at Glendale Springs. The story which ran in *Carolina Country* in April, 1981, later won her an award in a business communicators' competition.

But Patty's Ashe County connection didn't stop there by any means.

She and her fiancé, Al Wheeler, began visiting Ashe County regularly and both became quite enamored with the place. They were married at St. Mary's in May, 1981, and later bought a mountain cabin there, where they spent most weekends.

Now they've purchased *The Skyland Post* in West Jefferson and *The Alleghany News* in Sparta. They'll operate the newspapers under the corporate name of Blue Ridge Communications, Inc. with Patty as editor and publisher. Al will continue his association with Ketchum, Inc., a fund-raising consulting firm for non-profit organizations.

The venture will give Patty a chance to realize an ambition she's nursed for a number of years, having gotten a taste of weekly newspapering earlier in her career.

She leaves *Carolina Country* and the statewide EMC organization after two years of outstanding service as an editor, writer and member relations specialist.

We'll surely miss her, and we wish her Godspeed in this exciting new endeavor.

The J-A-P Flap

The recent flap over North Carolina license plates spelling out words that might be considered offensive has focused a lot of attention on the unintended messages these tags can deliver.

For some months now, during my travels, I've made notes of the plates I've seen on which motorists have intentionally applied a message or label.

Names and initials were far and away the most popular way to personalize the tags. But a couple of plates showed their owners weren't content with the traditional approach to these IDs: SLY JAC and ME JANE.

Some of the labels may have been the motorists' nicknames or CB handles: WAR EGL, KRAUT 1, T-BONE, TAG MAN, TURK, VELVET, MAM 1, NO FOOL, CLOWN 1.

Others were tailor-made for the vehicles they adorned: 55 GOLD on a 1955 gold Thunderbird and 71 BUG on—what else?—a 1971 Volkswagen. Then there was the black van with panels featuring colorful paintings of bumble bees and the words, "The Bumble Bee, Just Buzzing Through." Its plate: STING-U.

A few might have been intended as comments about the vehicles: TWIL DO, OH MY, UH-OH, CLEAN 2.

A number of the plates seemed to be offering rear-bumper salutes in one form or another: DIXIE, METS-1, ELVIS, DUKE'S 1, NASA, PURDUE, UNC-GO, ARTOO, OYSTER.

Several appeared to refer to work or hobbies: PHOTOS, FOTOS, PIX, BRIDGE, TRAINS, RR BUFF, I BINGO, STITCH, FUN, PLAY.

A couple had a religious theme: FOR GOD, MOONIE.

The single most intriguing message I saw must have been the work of an enterprising auto salesman, whose gleaming new car bore a plate with this message: C-ME41.

And The Winner Is . . .

Having spent no small portion of my career writing and reporting on awards given by various organizations to recognize their members, I enjoyed a large chuckle from reading a recent item on that subject by Giles Lamberson, editorial page editor of the *Greensboro Record*.

Giles had been to a meeting of the North Carolina Press Association in Chapel Hill, where he received an award. While waiting in line to receive his honor, another winner told him of a bit of mischief he'd been playing with such awards.

Here's how Giles relates the story: "Each year, he makes a point of having his picture taken with the governor—the usual shot in which Mr. Hunt and the award-winner prominently and awkwardly hold the certificate of achievement between them. The photo always is taken in front of an NCPA banner tacked to the wall behind.

"But what this guy does each year is to take the Polaroid snapshot and send it to his alma mater in Virginia there to be incorporated into the next alumni letter.

"NCPA, he tells the trusting alumni, stands for North Carolina Pork Association, and the award is for his successful hog program. And every year, it runs just that way."

—Owen Bisho

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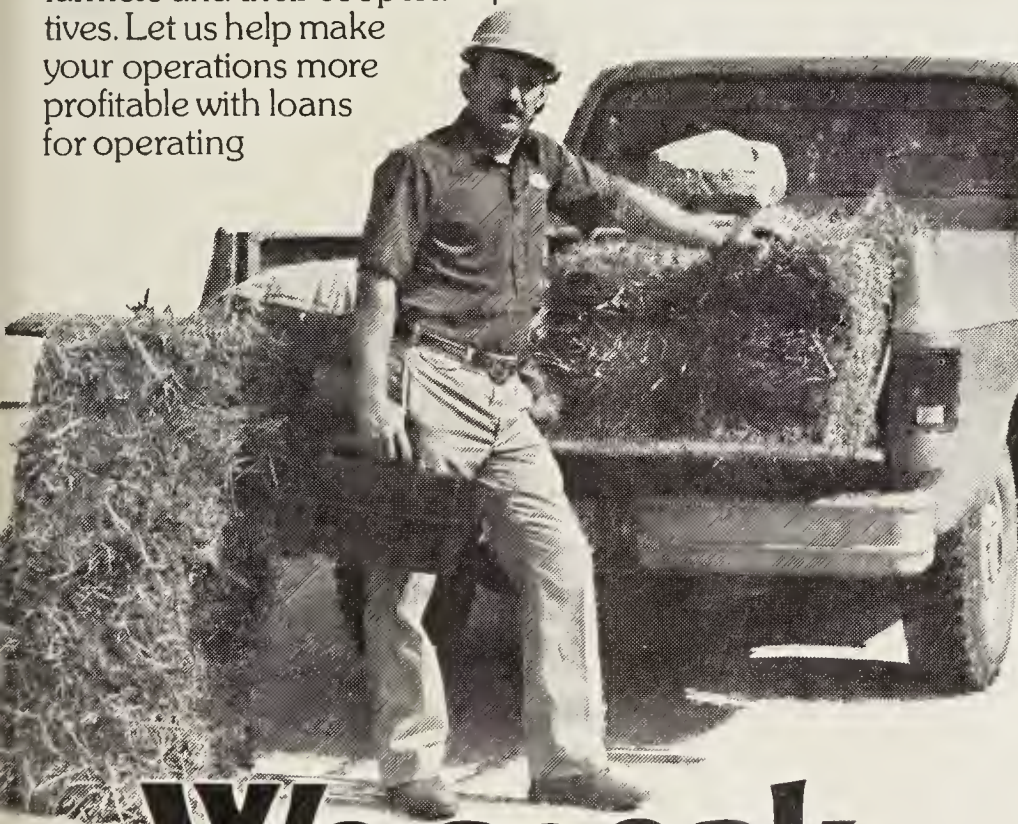
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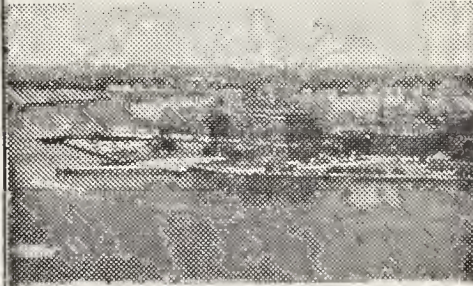
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